SIEMENS

Data sheet 3RW5213-3AC05



SIRIUS soft starter 200-600 V 13 A, 24 V AC/DC spring-type terminals Analog output

product brand name	SIRIUS
product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW52
manufacturer's article number	
 of standard HMI module usable 	3RW5980-0HS00
 of high feature HMI module usable 	3RW5980-0HF00
 of communication module PROFINET standard usable 	3RW5980-0CS00
 of communication module PROFIBUS usable 	3RW5980-0CP00
 of communication module Modbus TCP usable 	3RW5980-0CT00
 of communication module Modbus RTU usable 	3RW5980-0CR00
 of communication module Ethernet/IP 	3RW5980-0CE00
 of circuit breaker usable at 400 V 	3RV2032-4TA10; Type of coordination 1, Iq = 65 kA, CLASS 10
 of circuit breaker usable at 500 V 	3RV2032-4TA10; Type of coordination 1, Iq = 18 kA, CLASS 10
 of circuit breaker usable at 400 V at inside-delta circuit 	3RV2032-4DA10; Type of coordination 1, Iq = 65 kA, CLASS 10
 of circuit breaker usable at 500 V at inside-delta circuit 	3RV2032-4DA10; Type of coordination 1, Iq = 18 kA, CLASS 10
 of the gG fuse usable up to 690 V 	3NA3820-6; Type of coordination 1, Iq = 65 kA
 of the gG fuse usable at inside-delta circuit up to 500 V 	3NA3820-6; Type of coordination 1, Iq = 65 kA
 of full range R fuse link for semiconductor protection usable up to 690 V 	3NE1815-0; Type of coordination 2, Iq = 65 kA
 of back-up R fuse link for semiconductor protection usable up to 690 V 	3NE8017-1; Type of coordination 2, Iq = 65 kA

General technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 %; non-adjustable
start-up ramp time of soft starter	0 20 s
current limiting value [%] adjustable	130 700 %
certificate of suitability	
CE marking	Yes
UL approval	Yes
CSA approval	Yes
product component	
 HMI-High Feature 	No
 is supported HMI-Standard 	Yes
is supported HMI-High Feature	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	3

trin class	CLASS 10A (default) / 10E / 20E; and to IEC 60047 4.2
trip class	CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2
buffering time in the event of power failure	100 ma
for main current circuit for control circuit	100 ms
• for control circuit	100 ms
insulation voltage rated value	600 V
degree of pollution	3, acc. to IEC 60947-4-2
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 600 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	000.1/
between main and auxiliary circuit	600 V
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz
utilization category according to IEC 60947-4-2	AC 53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	02/15/2018
product function	W
• ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
Soft Torque	Yes
adjustable current limitation	Yes
• pump ramp down	Yes
intrinsic device protection	Yes
motor overload protection	Yes; Electronic motor overload protection
evaluation of thermistor motor protection	No
• inside-delta circuit	Yes
auto-RESET	Yes
manual RESET	Yes
• remote reset	Yes; By turning off the control supply voltage
communication function	Yes
operating measured value display	Yes; Only in conjunction with special accessories
• error logbook	Yes; Only in conjunction with special accessories
via software parameterizable	No
via software configurable	Yes
PROFlenergy	Yes; in connection with the PROFINET Standard communication module
firmware update	Yes
 removable terminal for control circuit 	Yes
torque control	No
analog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI)
Power Electronics	
operational current	
at 40 °C rated value	13 A
at 50 °C rated value	12 A
at 60 °C rated value	11 A
operational current at inside-delta circuit	
at 40 °C rated value	22.5 A
 at 50 °C rated value 	19.9 A
at 60 °C rated value	18.2 A
operating voltage	
• rated value	200 600 V
at inside-delta circuit rated value	200 600 V
relative negative tolerance of the operating voltage	-15 %
relative positive tolerance of the operating voltage	
	10 %
relative negative tolerance of the operating voltage at inside-delta circuit	10 % -15 %
relative negative tolerance of the operating voltage at	

at 220 V at 40 °C rated value	O LAM
• at 230 V at 40 °C rated value	3 kW
• at 230 V at inside-delta circuit at 40 °C rated value	5.5 kW
• at 400 V at 40 °C rated value	5.5 kW
 at 400 V at inside-delta circuit at 40 °C rated value 	11 kW
 at 500 V at 40 °C rated value 	7.5 kW
at 500 V at inside-delta circuit at 40 °C rated value	15 kW
Operating frequency 1 rated value	50 Hz
Operating frequency 2 rated value	60 Hz
relative negative tolerance of the operating frequency	-10 %
relative positive tolerance of the operating frequency	10 %
adjustable motor current	
 at rotary coding switch on switch position 1 	5.5 A
 at rotary coding switch on switch position 2 	6 A
 at rotary coding switch on switch position 3 	6.5 A
 at rotary coding switch on switch position 4 	7 A
 at rotary coding switch on switch position 5 	7.5 A
 at rotary coding switch on switch position 6 	8 A
 at rotary coding switch on switch position 7 	8.5 A
 at rotary coding switch on switch position 8 	9 A
 at rotary coding switch on switch position 9 	9.5 A
 at rotary coding switch on switch position 10 	10 A
 at rotary coding switch on switch position 11 	10.5 A
 at rotary coding switch on switch position 12 	11 A
 at rotary coding switch on switch position 13 	11.5 A
 at rotary coding switch on switch position 14 	12 A
 at rotary coding switch on switch position 15 	12.5 A
 at rotary coding switch on switch position 16 	13 A
• minimum	5.5 A
adjustable motor current	
 for inside-delta circuit at rotary coding switch on switch position 1 	9.5 A
 for inside-delta circuit at rotary coding switch on switch position 2 	10.4 A
 for inside-delta circuit at rotary coding switch on switch position 3 	11.3 A
 for inside-delta circuit at rotary coding switch on switch position 4 	12.1 A
 for inside-delta circuit at rotary coding switch on switch position 5 	13 A
 for inside-delta circuit at rotary coding switch on switch position 6 	13.9 A
 for inside-delta circuit at rotary coding switch on switch position 7 	14.7 A
for inside-delta circuit at rotary coding switch on switch position 8 for inside delta circuit at rotary coding switch on	15.6 A
for inside-delta circuit at rotary coding switch on switch position 9 for inside delta circuit at rotary coding switch on	16.5 A
for inside-delta circuit at rotary coding switch on switch position 10 for inside delta circuit at rotary coding switch on	17.3 A 18.2 A
 for inside-delta circuit at rotary coding switch on switch position 11 for inside-delta circuit at rotary coding switch on 	18.2 A
• for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on	19.1 A 19.9 A
 for inside-delta circuit at rotary coding switch on switch position 13 for inside-delta circuit at rotary coding switch on 	20.8 A
 for inside-delta circuit at rotary coding switch on switch position 14 for inside-delta circuit at rotary coding switch on 	21.7 A
switch position 15 for inside-delta circuit at rotary coding switch on	22.5 A
switch position 16 • at inside-delta circuit minimum	9.5 A
minimum load [%]	15 %; Relative to smallest settable le
	10 70, Melative to sitialical settable le
power loss [W] for rated value of the current at AC	

at 40 °C after startup at 60 °C after startup 15 °W at 60 °C after startup 16 °W at 60 °C acting startup 210 °W at 60 °C acting startup 16 °W at 60 °C acting startup 210 °W at 60 °C acting startup 220 °W at 60 °C acting startup 320 °C acting startup 321 °W at 60 °C acting startup 322 °W at 60 °C acting startup 323 °W 324 °W at 60 °C acting startup 324 °W 325 °W 326 °W 327 °W 327 °W 327 °W 328		
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power loss [W] at AC at current limitation 350 %	 at 50 °C after startup 	15 W
a de 30 °C during startup better of control struction control circuitif Control Type of voltage of the control supply voltage control supply voltage at AC better of control supply voltage at AC at 50 Hz creative positive tolerance of the control supply voltage at AC at 50 Hz creative positive tolerance of the control supply voltage at AC at 50 Hz creative positive tolerance of the control supply voltage at AC at 50 Hz creative positive tolerance of the control supply voltage at AC at 50 Hz creative positive tolerance of the control supply voltage at AC at 50 Hz creative positive tolerance of the control supply voltage for active positive tolerance of the control supply voltage for active positive tolerance of the control supply voltage for active positive tolerance of the control supply voltage for active positive tolerance of the control supply voltage at AC at 50 Hz control supply voltage control supply voltage relative positive tolerance of the control supply voltage at AC at 50 Hz voltage	at 60 °C after startup	15 W
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holding current in bypass operation rated value 360 mA 0.75 A 0.75		160 mA
locked-rotor current at close of bypass contact maximum maximu		360 mA
duration of inrush current peak at application of control supply voltage design of the overvoltage protection design of short-circuit protection for control circuit to design of short-circuit protection for control circuit design of short-circuit protection for control circuit Inputs/ Outputs number of digital inputs number of digital outputs on parameterizable digital output version number of analog outputs at AC-15 at 250 V rated value of AC-15 at 24 V rated value fastening method height protection for control circuit 12.1 ms 13.2	locked-rotor current at close of bypass contact	0.75 A
design of the overvoltage protection design of short-circuit protection for control circuit design of short-circuit protection for control circuit A A gG fuse (Icu= 1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply Inputs/ Outputs number of digital inputs 1 number of digital outputs 2 not parameterizable 2 digital output version 2 normally-open contacts (NO) / 1 changeover contact (CO) number of analog outputs 3 a		3.3 A
design of short-circuit protection for control circuit 4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply Inputs/ Outputs 1 number of digital inputs 1 number of digital outputs 3 • not parameterizable 2 digital output version 2 normally-open contacts (NO) / 1 changeover contact (CO) number of analog outputs 1 switching capacity current of the relay outputs 3 A • at AC-15 at 250 V rated value 3 A • at DC-13 at 24 V rated value 1 A Installation/ mounting/ dimensions +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface fastening method screw fixing height 275 mm width 170 mm depth 152 mm required spacing with side-by-side mounting 10 mm • forwards 0 mm		12.1 ms
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number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface fastening method screw fixing height 275 mm width 170 mm depth required spacing with side-by-side mounting • forwards • backwards 1 mormally-open contacts (NO) / 1 changeover contact (CO)	Inputs/ Outputs	
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Installation/ mounting/ dimensions mounting position +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface fastening method screw fixing height 275 mm width 170 mm depth required spacing with side-by-side mounting • forwards • backwards 10 mm 0 mm		3 A
mounting position +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface fastening method screw fixing height 275 mm width 170 mm depth 152 mm required spacing with side-by-side mounting • forwards • backwards 10 mm 0 mm	• at DC-13 at 24 V rated value	1 A
mounting position +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface fastening method screw fixing height 275 mm width 170 mm depth 152 mm required spacing with side-by-side mounting • forwards • backwards 10 mm 0 mm	Installation/ mounting/ dimensions	
required spacing with side-by-side mounting forwards backwards vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm	-	+/- 10° rotation possible and can be tilted forward or backward on
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depth 152 mm required spacing with side-by-side mounting 10 mm • forwards 0 mm		
required spacing with side-by-side mounting • forwards • backwards 10 mm 0 mm		
 forwards backwards 10 mm 0 mm 	•	152 mm
• backwards 0 mm		10 mm
• upwards 100 mm		
	• upwards	100 mm

weight without packaging Connections/Torminals Vype of electrical connection • for rain contacts • for orant contacts • for main contacts • for main contacts • soild • at AWG cables for main contact frout soild • for control circuit soild • for control circuit soild • for control circuit soild • for main contacts • for control circuit soild • at AWG cables for main contact soild • for control circuit soild • at AWG cables for control circuit soild • at the digital imputs at Consamum • at the digital inputs at Consamum • at the digital papets at Consamum • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary an	• downwards	75 mm
Screw-type terminals	• at the side	5 mm
Spee of electrical connection	weight without packaging	2.1 kg
• for main current circuit • for control Circuit type of connectable conductor cross-sections • for main contacts - solid - finely stranded with core end processing • at AWG cables for main current circuit solid • for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processin	Connections/ Terminals	
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Special connectable conductor cross-sections	 for main current circuit 	screw-type terminals
• for main contacts — solid — finely stranded with core end processing — in at AWG cables for main current circuit solid 9	for control circuit	spring-loaded terminals
- solid - finely stranded with core end processing • at AWG cables for main current circuit solid type of connectable conductor cross-sections • for control circuit finely stranded with core end processing • at AWG cables for control circuit solid • for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing wire length • between soft starter and motor maximum • at the digital inputs at AC maximum • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type te	type of connectable conductor cross-sections	
Kinely stranded with core end processing • at AWG cables for main current circuit solid type of connectable conductor cross-sections • for control circuit solid • for control circuit solid • for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • at AWG cables for control circuit finely stranded with core end processing • wire length • between soft starter and motor maximum • at the digital inputs at DC maximum • at the dig	 for main contacts 	
A MVG cables for main current circuit solid type of connectable conductor cross-sections in or control circuit tinely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for control circuit finely stranded with core end processing at AWG cables for stranded with core end processing at AWG cables for Standard Faults at 460/480 V at inside-detal circuit according to UL - usable for Standard Faults at 460/480 V at inside-detal circuit according to UL - usable for Standard Faults at 460/480 V at inside-detal circuit according to UL - usable for Islandar Faults at 460/480 V at inside-detal circuit according to UL - usable for Islandar Faults at 460/480 V at inside-detal circuit according to UL - usable for Islandar Faults at 460/480 V at inside-detal circuit according to UL - usable for Islandar Faults at 460/480 V at inside-detal circuit according to UL - usable for Islandar Faults at 460/480 V at inside-detal cir	— solid	2x (1.0 2.5 mm²), 2x (2.5 10 mm²)
type of connectable conductor cross-sections	 finely stranded with core end processing 	2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)
• for control circuit solid • for control circuit solid • for control circuit solid • for control circuit shell • for control circuit shell • for control circuit shell • at AWG cables for control circuit solid • at AWG cables for control circuit shell • at the digital inputs at AC maximum • at the digital inputs at AC maximum • at the digital inputs at AC maximum • at the digital inputs at DC maximum 1000 m 1000	at AWG cables for main current circuit solid	2x (16 12), 2x (14 8)
• for control circuit finely stranded with core end processing • at AWG cables for control circuit solid • at AWG cables for control circuit finely stranded with core end processing wire length • between soft starter and motor maximum • at the digital inputs at AC maximum • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxil	type of connectable conductor cross-sections	
e at AWG cables for control circuit solid e at AWG cables for control circuit finely stranded with core end processing wire length e between soft starter and motor maximum at the digital inputs at DC maximum 100 m at the digital inputs at DC maximum 100 m tightening torque for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals for auxiliary and c	for control circuit solid	2x (0.25 1.5 mm²)
e at AWG cables for control circuit finely stranded with core end processing wire length • between soft starter and motor maximum • at the digital inputs at DC maximum • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • during operation • during operation • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • PROFINET		2x (0.25 1.5 mm²)
core end processing wire length	 at AWG cables for control circuit solid 	2x (24 16)
between soft starter and motor maximum at the digital inputs at DC maximum at the digital inputs at DC maximum at the digital inputs at DC maximum for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals Amblent conditions Installation altitude at height above sea level maximum ambient temperature during operation during storage and transport during storage and transport during storage according to IEC 60721 during storage according to IEC 60721 during storage according to IEC 60721 during transport according to IEC 60721 during tr		2x (24 16)
at the digital inputs at DC maximum at the digital inputs at DC maximum tightening torque for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals for main contacts with screw-type terminals for mailiary and control contacts with screw-type terminals for mainian contacts with screw-type terminals ### Two In the Maximum and In the	wire length	
• at the digital injusts at DC maximum tightening torque • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • during storage and transport • during storage and transport • during storage and transport • during storage according to IEC 60721 • during storage according to IEC 60721 • RKG (on) coefficients and storage	 between soft starter and motor maximum 	800 m
tightening torque • for main contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals 18 22 lbfin 7 10,3 lbf-in 18 22 lbf-in 7 1	 at the digital inputs at AC maximum 	100 m
• for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals tightening torque [lbFin] • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage and transport • during operation according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • EMC emitted interference communication/Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFIBUS ULCSA ratings manufacturer's article number • of circuit breaker — usable for Fligh Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delia circuit according to UL — usable for Standard Faults at 460/480 V at inside-delia circuit according to UL — usable for Standard Faults at 460/480 V at inside-delia circuit according to UL — usable for Standard Faults at 460/480 V at inside-delia circuit according to UL — usable for Standard Faults at 460/480 V at inside-delia circuit according to UL — usable for High Faults at 460/480 V at inside-delia circuit according to UL — usable for High Faults at 460/480 V at inside-delia circuit according to UL — usable for High Faults at 460/480 V at inside-delia circuit according to UL — usable for High Faults at 460/480 V at inside-delia circuit according to UL — usable for High Faults at 460/480 V at inside-delia circuit according to UL — usable for High Faults at 460/480 V at inside-delia circuit according to UL — usable for High Faults at 460/480 V at inside-delia circuit according to UL — usab	at the digital inputs at DC maximum	1 000 m
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tightening torque [lbf-in] • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type installation altitude at height above sea level maximum ambient temperature • during operation • during storage and transport • during storage and transport • during geration according to IEC 60721 • during operation according to IEC 60721 • during geration according to IEC 60721 • during geration according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 EMC emitted interference communication Protocol communication module is supported • PROFINET standard • EhrnRetI/P • Modbus RTU • Modbus RTU • Modbus TCP • PROFIBUS ULCSA ratings manufacturer's article number • of circuit breaker — usable for High Faults at 460/480 V according to UL — usable for Fligh Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for Fligh Faults at 460/480 V at inside-side according to UL — usable for F	 for main contacts with screw-type terminals 	2 2.5 N·m
• for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals Amblent conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage and transport • during operation according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus RTU • Despite the devices of the supported • PROFIBUS ULCSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside- instelled According to UL — usable for High Faults at 460/480 V at inside- instelled According to UL — usable for High Faults at 460/480 V at inside- instelled According to UL — usable for High Faults at 460/480 V at inside- instelled at height above sea level maximum 5 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 000 m; Derating as of 1000 m, see catalog 3 600 m; Derating as of 1000 m, see catalog 3 600 m; Derating as of 1000 m, see catalog 3 60 0 communication packer 4 000 m; Derating as of 1000 m, see catalog 3 60 0 communication packer 4 000 m; Derating as of 1000 m, see c	, , , , , , , , , , , , , , , , , , ,	0.8 1.2 N·m
• for auxiliary and control contacts with screw-type terminals Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage and transport • during peration according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • Auxiliary according to IEC 60721 • Communication Protocol Communication Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET standard • Characteria according to IEC 6072 • PROFIBUS Tyes • Modbus RTU • Modbus TCP • PROFIBUS Tyes • PROFIBUS Tyes • PROFIBUS Tyes • Rories for Standard Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside- Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA	tightening torque [lbf·in]	
Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage and transport • during operation according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • Ambient temperature of 40 °C or above • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • Ambient temperature of 40 °C or above • Ambient temperatures of 40 °C or above • Ambient	 for main contacts with screw-type terminals 	18 22 lbf·in
installation altitude at height above sea level maximum ambient temperature during operation during storage and transport during operation according to IEC 60721 during storage according to IEC 60721 during storage according to IEC 60721 during storage according to IEC 60721 during transport according to IEC 60721 EMC emitted interference PROFINET standard PROFINET standard PROFIBUS PROFIBUS Modbus RTU Modbus RTU Modbus TCP PROFIBUS PROFIBUS Modbus TCP During storage according to IEC 60780 PROFIBUS Modbus TCP PROFIBUS Modbus TCP PROFIBUS Modbus TCP During transport according to IEC 60780 Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA inside-delta circuit according to UL Musable for High Faults at 460/480 V at inside-delta circuit according to UL Musable for High Faults at 460/480 V at inside- Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Ka Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65		7 10.3 lbf·in
ambient temperature • during operation • during storage and transport • during operation according to IEC 60721 • during operation according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFIBUS PROFIBUS UL/CSA ratings manufacturer's article number • of circuit breaker — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside- - usable for High Faults at 460/480 V at inside- - Usable for High Faults at 460/480 V at inside- - Usable for High Faults at 460/480 V at inside-	Ambient conditions	
 during operation during storage and transport 40 +80 °C environmental category during operation according to IEC 60721 during storage according to IEC 60721 during storage according to IEC 60721 during storage according to IEC 60721 during transport according to IEC 60721 during transport according to IEC 60721 during transport according to IEC 60721 EMC emitted interference communication/ Protocol etherNet/IP Modbus RTU Modbus RTU PROFIBUS PROFIBUS Yes PROFIBUS Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA inside-delta circuit according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 40 A or 3VA51, max. 35 A; Iq max = 65 	installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
oluring storage and transport environmental category oluring operation according to IEC 60721 oluring storage according to IEC 60721 oluring storage according to IEC 60721 oluring transport according to IEC 60721 olur	ambient temperature	
environmental category • during operation according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 EMC emitted interference communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus RTU • Modbus TCP • PROFIBUS DUL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-	during operation	· · · · · · · · · · · · · · · · · · ·
• during operation according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • EMC emitted interference • acc. to IEC 60947-4-2: Class A Communication Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for		-40 +80 °C
mist), 3S2 (sand must not get into the devices), 3M6 • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 EMC emitted interference acc. to IEC 60947-4-2: Class A Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS Tes manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-	5 .	
ot get inside the devices), 1M4 * during transport according to IEC 60721 EMC emitted interference communication/ Protocol communication module is supported PROFINET standard PROFINET standard PROFIBUS Modbus RTU Modbus TCP PROFIBUS **ves** PROFIBUS **ves** **ves** **ves** **profibus** **pro	 during operation according to IEC 60721 	mist), 3S2 (sand must not get into the devices), 3M6
EMC emitted interference acc. to IEC 60947-4-2: Class A Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside- Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA	 during storage according to IEC 60721 	
Communication / Protocol communication module is supported • PROFINET standard Yes • EtherNet/IP Yes • Modbus RTU Yes • Modbus TCP • PROFIBUS Yes UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside- Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65		
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 EtherNet/IP Modbus RTU Modbus TCP PROFIBUS Yes Yes Yes Yes Yes UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-sident for High Faults at 460/		
 Modbus RTU Modbus TCP PROFIBUS Yes PROFIBUS Yes UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 	 PROFINET standard 	Yes
 Modbus TCP PROFIBUS Yes Yes UL/CSA ratings manufacturer's article number of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside- Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 	EtherNet/IP	Yes
● PROFIBUS UL/CSA ratings manufacturer's article number ● of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside- Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65	Modbus RTU	Yes
 ■ of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-side side sides at 460/480 V at inside-side sides at 460/480 V at inside-sides sides at 460/480 V at inside-sides sides sides at 460/480 V at 50/480 V at 50		Yes
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 of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA 	UL/CSA ratings	
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according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside- Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; Iq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65		
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inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside- Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65		
		Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA

- usable for Standard Faults at 575/600 V Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA according to UL - usable for Standard Faults at 575/600 V at Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA inside-delta circuit according to UL of the fuse usable for Standard Faults up to 575/600 V Type: Class RK5 / K5, max. 50 A; Iq = 5 kA according to UL - usable for High Faults up to 575/600 V Type: Class J / L, max. 50 A; Iq = 100 kA according to UL - usable for Standard Faults at inside-delta Type: Class RK5 / K5, max. 50 A; Iq = 5 kA circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up Type: Class J / L, max. 50 A; Iq = 100 kA to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value 2 hp • at 220/230 V at 50 °C rated value 3 hp at 460/480 V at 50 °C rated value 7.5 hp • at 575/600 V at 50 °C rated value 10 hp • at 200/208 V at inside-delta circuit at 50 °C rated 5 hp value • at 220/230 V at inside-delta circuit at 50 °C rated 5 hp value • at 460/480 V at inside-delta circuit at 50 °C rated 10 hp value • at 575/600 V at inside-delta circuit at 50 °C rated 15 hp value contact rating of auxiliary contacts according to UL R300-B300 Safety related data protection class IP on the front according to IEC IP20 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front in accordance with IEC 60947-4-2 electromagnetic compatibility



Certificates/ approvals

General Product Approval



Confirmation







EMC

Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other





Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5213-3AC05

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5213-3AC05

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RW5213-3AC05

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5213-3AC05&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RW5213-3AC05/char

Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5213-3AC05&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

https://support.industry.siemens.com/cs/ww/en/view/101494917

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